

TO BE ENTERED

DH

Serial No. 10/773,038

Atty. Doc. No. 2002P10620US

Amendments to the Claims:

Please amend the claims as shown.

1. (currently amended) A steam turbine rotor extending along an axial extent comprising:

an outer side adjoining an outer space arranged to receive a main flow of a fluid working medium, wherein the outer side is formed by a shielding plate which can rotate with the rotor;

a first location arranged along the outer side, at which a first blade is held; and

at least one integrated passage extending continuously at least between a first region arranged in front of the first location and a second region arranged behind the first location,

wherein a cooling medium is provided and guided at a pressure that is modified as a function of a pressure of the main flow.

2. (previously presented) The steam turbine rotor as claimed in claim 1, wherein a second location arranged along the outer side, at which a second blade is held, the second location arranged behind the first location along the axial extent and the passage extending continuously at least between a first region arranged in front of the first location and a second region arranged behind the second location.

3. (previously presented) The steam turbine rotor as claimed in claim 2, wherein a number of further locations, at each of which a blade is held, are arranged between the first location and the second location.

4. (previously presented) The steam turbine rotor as claimed in claim 1, wherein the at least one passage is part of a combined passage system which extends along the axial extent.

5. (previously presented) The steam turbine rotor as claimed in claim 1, wherein the at least one passage is part of a combined passage system which has an external feed which is provided for the incoming flow of cooling medium.